

General Information About the Blender (MicroBlender 3800)

The Blender used with the MicroVent is an OEM product supplied by the American company Bird. If you need any spare parts for the blender, please contact the following address:

3101 East Alejo Road
Palm Springs, CA 92262
(619) 778 - 7200 oder (800) 328 - 4139
TLX: 9103805605
Fax: (619) 778 - 7269

Amendment to the Spare parts list of the mixer

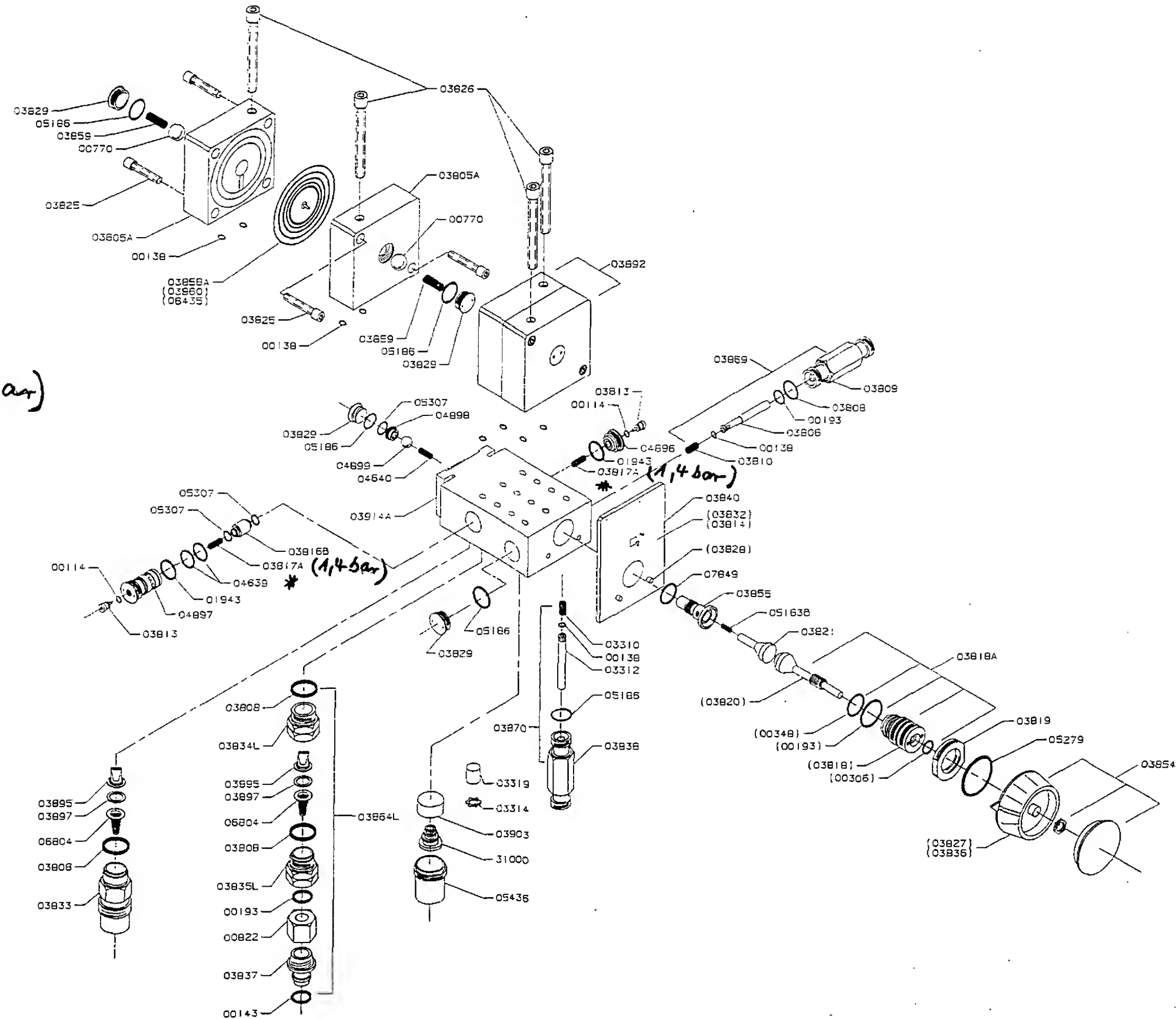
The NIST compressed-gas connections for AiR and oxygen as well as the corresponding labels have been included as spare/conversion parts.

SECTION 4: SERVICE, REPAIR AND CALIBRATION

August 1991

3800 MICROBLENDER (AIR/OXYGEN BLENDER) COMPONENTS ILLUSTRATION

* 03877 (2,16 bar)



SECTION 8:
REPLACEMENT PARTS

Dräger

Part Number	Description	Quantity Required
* 00114D	O-ring (.117 x .040)	2
* 00138D	O-ring (.176 x .070)	10
* 00143D	O-ring (.239 x .070)	1
* 00193D	O-ring (.364 x .070)	3
* 00306D	O-ring (.114 x .070)	1
* 00348D	O-ring (.301 x .070)	1
00770D	Ball, $\frac{3}{16}$ " Diam.	4
00822	Nut, $\frac{9}{16}$ " - 18 Hex	1
01866	Reed, Alarm Plate	1
* 01943	O-ring (.437 x .070)	2
03310	Spring, .21 x .16 x .25LG	1
03312	Poppet Check Valve	1
* 03314D	Ring, Rtng, Int., .39	1
* 03319	Muffler Bleed	1
03805A	Blender, Balance Block Micro	4
03806	PPT, Check Valve, MicroBlender	1
03914A	Block, Vlv MicroBlender, W Plugs	1
* 03808D	O-ring, (.4681D x .078)	4
03809	Conn. Aux. Outlet O ₂ , 1/4 BPT	1
03810	Spring, .210 x .156 x .437	1
03813	Bypass Adjuster	2
03816B	Bypass, PPT	1
03817A ⊕	Spring, (.148OD x .500) <i>1,4 bar</i>	2
03818	Front Valve Seat	1
03819D	Nut, Front Seat	1
03820	Stem, Valve Front, MicroBlender	1
03821	Valve Stem, Rear	1
03825D	Screw, 10-32 x .75 Hex Soc Hd	8
03826D	Screw, 10-32 x 2.25 Hex Soc Hd	4
03829	Cap, Balance Block	5
03833	Air Inlet Connector	1
03834L	Conn, 9/16 - 18 LH x 9/16 - 18 LH, O ₂	1
03835L	Conn, 7/17 - 27 x 9/16 - 18 LH, O ₂	1
03837	Nipple, O ₂ Conn	1
03838	Hsng, Check Vlv, MicroBlender	1
03840	Plate, Front Asy. MicroBlender	1
03854	Knob, Asy, MicroBlender Ctrl	1
03855	Rear Valve Seat	1
* 03858A	Diaphragm, Assembly	2
03859D	Spring (.118OD x .450LG)	1

* Indicates parts are contained in Maintenance Kit, P/N 10003.

⊕ 03877 Spring 2,1 bar 2

REPLACEMENT PARTS

Part Number	Description	Quantity Required
03864L	Inlet, 02 Diss	1
03869	Outlet, Auxiliary	1
03870	Outlet, Primary	1
* 03897D	Washer, Step (.500D x .171D)	2
* 03895D	Duckbill Check Valve	3
* 03903D	Plug, Foam Alarm	1
* 04639D	O-ring, (.426 x .040)	1
04640	Spring, 210 x .20 x .55	1
04896	Cap, Bypass Seat	1
04897	Cap, Sleeve	1
04898	Retainer, Check	1
* 04899	Ball, Rubber Check	1
* 05163B	Spring (.093 x .053 x .300)	1
* 05186D	O-ring (.414 x .070)	7
* 05279D	O-ring (.614 x .070)	1
* 05307D	O-ring (.239 x .070)	3
05436	Alarm Blender Bypass	1
* 06804D	Nylon Cone Filter	2
* 07849D	O-ring (.313 x .051)	1
31000	Spring	1
* 33621	Ball, Rubber, $\frac{3}{16}$ " DIA	4

Refer to page 9 for component illustration.

The "D" suffix is used when ordering certain parts. These parts come in packages of 10. However, the "Quantity Required" column indicates the number of parts actually required for one MicroBlender.

* Indicates parts are contained in Maintenance Kit (P/N 10003).

Maintenance Kit (P/N 10003) is packaged with the actual quantity required.

MICROBLENDER MAINTENANCE KIT P/N 10003

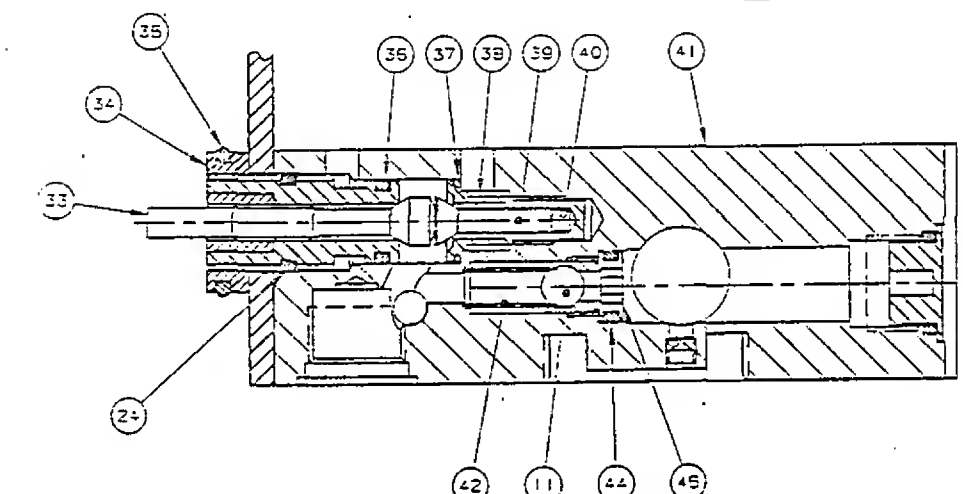
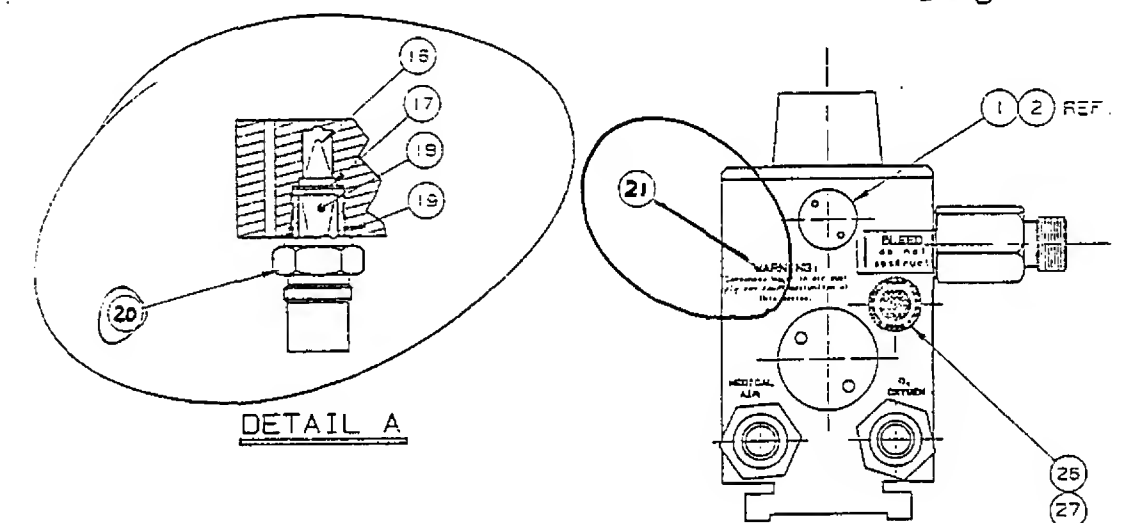
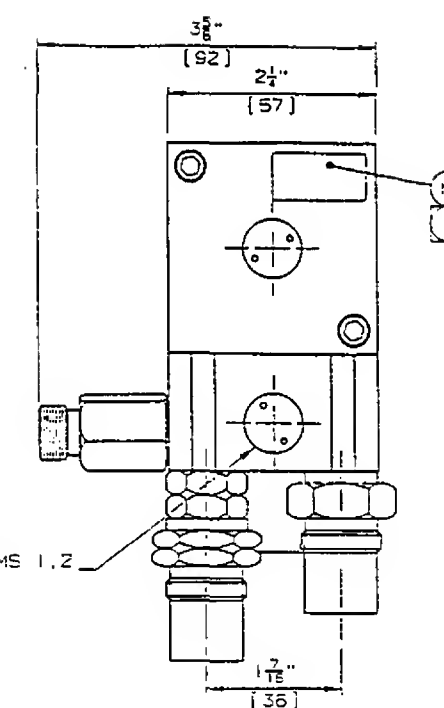
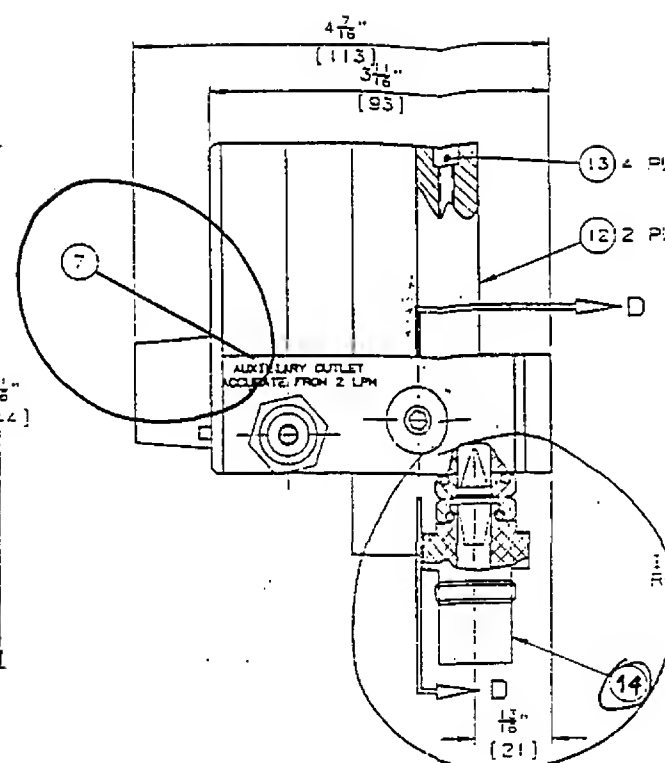
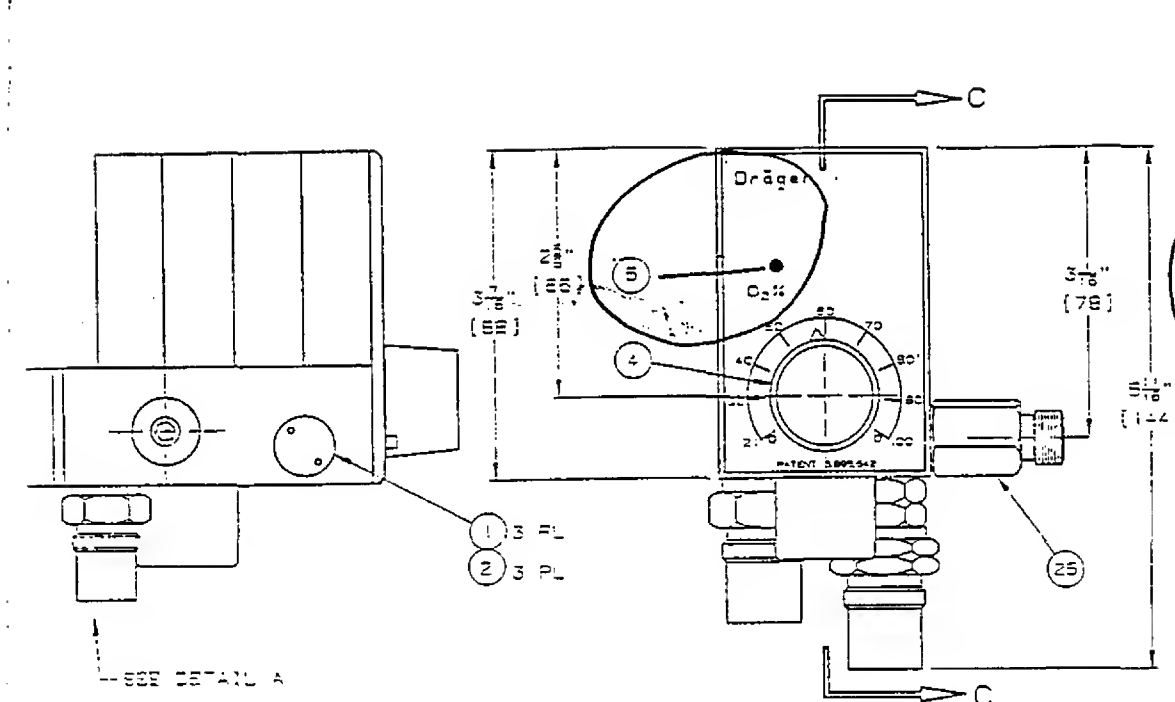
Part Number	Description	Quantity
00114	O-Ring .117 x .040	2
00138	O-Ring .176 x .070	10
00143	O-Ring .239 x .070	1
00193	O-Ring .364 x .070	3
00306	O-Ring .114 x .070	1
00348	O-Ring .301 x .070	1
01943	O-Ring .437 x .070	2
03314	Starwasher	1
03319	Muffler	1
03808	O-Ring .468 1D x .078	4
03858A	Diaphragm Assembly	2
03895	Duckbill Check Valve	2
03897	Washer, Step	2
03903	Foam Diffuser	1
04639	O-Ring .426 x .040	2
04899	Ball, Rubber, Check Valve	1
05163B	Spring .093 x .053 x .300	1
05186	O-Ring .414 x .072	7
05279	O-Ring .614 x .070	1
05307	O-Ring .239 x .070	3
06804	Nylon Filter	2
07849	O-Ring .313 x .051	1
33621	Ball, Rubber, 3/16" DIA	4

REVISIONS

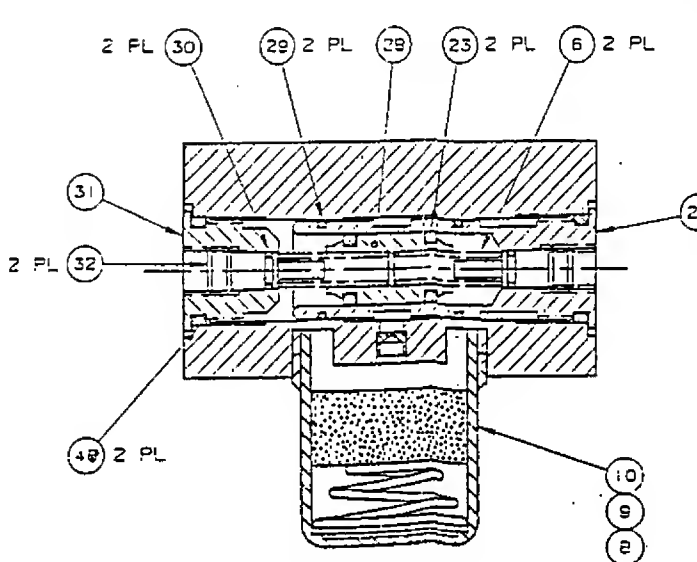
SYM	DESCRIPTION	DWG	APPROVED	DATE
A	PROD REL PER ECO 52051	EHL	<i>[Signature]</i>	11/20/54

NOTE: UNLESS OTHERWISE SPECIFIED

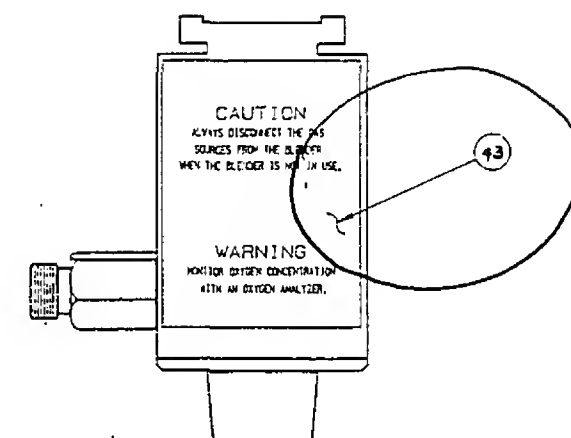
1. PART NO. AND SERIAL NO. TO BE PRINTED ON LABEL PRIOR TO INSTALLATION.
2. SEE SEPARATE BILL OF MATERIALS, P/N 10348.
3. DIMENSIONS ARE IN INCHES/MM AND ARE FOR REFERENCE ONLY.



SECTION C-C



SECTION D-D



VIEW E-E

ROTATED 180°

CRITICAL	<input type="checkbox"/> COMPONENT	<input checked="" type="checkbox"/> DEVICE	<input type="checkbox"/> N/A
TRACEABLE	<input checked="" type="checkbox"/> SERIAL NO.	<input type="checkbox"/> LOT NO.	<input type="checkbox"/> N/A

APPROVALS		DATE	<p>THIS DOCUMENT IS THE COPYRIGHTED PROPERTY OF DRÄGER PRODUCTS CORPORATION AND MAY NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION OR USED FOR OTHER THAN DRÄGER PRODUCTS CORPORATION AUTHORIZED PURPOSES.</p>
DRAWN			
CHECKED			
APPROVED			
RELEASED			TITLE
MATERIAL			MBLNR, DRÄGER HI/LO FLOW
FINISH			DWG NO. 10348E
SCALE 1:1		DO NOT SCALE DRAWING	SHEET 1

F8/F9 50/50

Table 1: Amendment to the Spare parts list of the mixer

No.14	Order No.	Designation
NIST connections		
14	10266	INLET ASSY, O ₂ (NIST)
20	20254	Fitting, AIR INLET (NIST)
Labels		
5	80182	Overlay, FT. Panel Dräger
7	03842M	Label, AUX Outlet
21	03845M	Label, Bottom
43	80035	Label, Oxygen Analyzer